

**TPSUSPEND(3)**

REVISION HISTORY			
NUMBER	DATE	DESCRIPTION	NAME

# Contents

<b>1</b>	<b>SYNOPSIS</b>	<b>1</b>
<b>2</b>	<b>DESCRIPTION</b>	<b>2</b>
<b>3</b>	<b>RETURN VALUE</b>	<b>3</b>
<b>4</b>	<b>ERRORS</b>	<b>4</b>
<b>5</b>	<b>EXAMPLE</b>	<b>5</b>
<b>6</b>	<b>BUGS</b>	<b>6</b>
<b>7</b>	<b>SEE ALSO</b>	<b>7</b>
<b>8</b>	<b>COPYING</b>	<b>8</b>

## Chapter 1

# SYNOPSIS

```
#include <atmi.h>
```

```
int tpsuspend (TPTRANID *tranid, long flags);
```

For XATMI client link with *-latmiclt -latmi -lubf -lnstd -lpthread -lrt -lm*

For XATMI server link with *-latmisrvl -latmisrvnomainl -latmisrvinteg -latmi -lubf -lnstd -lpthread -lrt -lm*

## Chapter 2

# DESCRIPTION

Disassociate XA transaction from current thread and store transaction details to *tranid* variable. The transaction can be resumed as by doing **tpresume()**. **tranid** must not be NULL. *flags* are reserved for future use, and currently must be set to 0. It is error to have any open call descriptors (either by **tpacall()** or by **tpconnect()**). Suspending can be done by any involved process in transaction. But the role of participant does not change. The **TPTRANID** type records the information about caller, is it transaction originator or not.

## Chapter 3

# RETURN VALUE

On success, **tpsuspend()** return zero; on error, -1 is returned, with **tperrno** set to indicate the error.

## Chapter 4

# ERRORS

Note that **tpstrerror()** returns generic error message plus custom message with debug info from last function call.

**TPEINVAL** flags was not 0. Or *tranid* was NULL.

**TPEPROTO** XA subsystem was not initialized (did not call **tpopen()**), global transaction was not already started, or there was open call descriptors.

**TPESYSTEM** System failure occurred during serving. See logs i.e. user log, or debugs for more info.

**TPEOS** System failure occurred during serving. See logs i.e. user log, or debugs for more info.

---

## Chapter 5

# EXAMPLE

See `atmitest/test021_xafull/atmiclt21-cli.c` for sample code.



## Chapter 6

# BUGS

Report bugs to [madars.vitolins@gmail.com](mailto:madars.vitolins@gmail.com)

## Chapter 7

## SEE ALSO

**tpcommit(3) tpopen(3) tpclose(3) tpresume(3)**

## Chapter 8

# COPYING

© Mavimax, Ltd